

Title (en)
ORGANIC ELECTROLUMINESCENT ELEMENTS

Title (de)
ORGANISCHE ELEKTROLUMINIZENTE ELEMENTE

Title (fr)
ELEMENTS ELECTROLUMINESCENTS ORGANIQUES

Publication
EP 0712916 B1 20030507 (EN)

Application
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Priority
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Abstract (en)
[origin: WO9533014A1] A first organic electroluminescent element comprises a hole-transporting luminescent layer (1) containing a dye dispersed therein on a molecular level and an electron-transporting layer (2) containing a triazole derivative represented by general formula (1). A second element is provided with a layer of a triazole derivative of formula (1). A third element comprises an electron-transporting layer, a hole-transporting layer and, interposed therebetween, a layer of a triazole derivative of formula (1). The three elements are each excellent in luminescence efficiency, luminance and stability, and capable of realizing blue luminescence, multiple primary-color luminescence and white luminescence, wherein each symbol is as defined in the specification.

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Cited by
EP0831676A3; EP0817538A1; US7622200B2; US7663149B2; US10790451B2; US7053402B2; US7326096B2; US7728518B2; US7732811B2; US8319210B2; US8916857B2

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